

Converting Colors

Hex(EA8633)

Have a look what the booklet for
Hex(EA8633) contains.

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Color

Hex(EA8633)

Conversions

Conversions Part 1

Format	Color
Hex	EA8633
RGB	234, 134, 51
RGB Percent	92%, 53%, 20%
CMY	0.0824, 0.4745, 0.8000
CMYK	0.00, 0.43, 0.78, 0.08
HSL	27°, 81%, 56%
HSV	27°, 78%, 92%
XYZ	43.0543, 34.7816, 7.5763
YIQ	154.4380, 86.2430, -4.6130

Conversions

Conversions Part 2

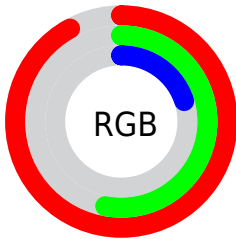
Format	Color
RYB	234, 203, 51
Decimal	15369779
CIELab	65.58, 32.37, 58.39
CIELCh	66, 66.762, 60.999
Yxy	34.7816, 0.5041, 0.4072
Android (android.graphics.Color)	4293559859 (0xFFEA8633)
YUV	154.4380, -50.9949, 69.7759
Hunter-Lab	58.9760, 27.1027, 33.6665

Details

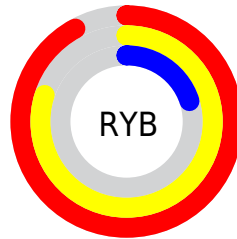
The Hex color **EA8633** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3397EA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBC67**, and **AC5300** is the 20% darker color. If you saturate the color by 10%, you get **EA791C**, and if you desaturate by 10%, it is **EA934A**.

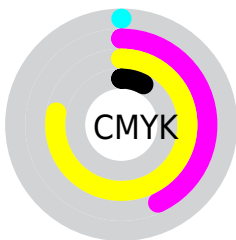
Distribution



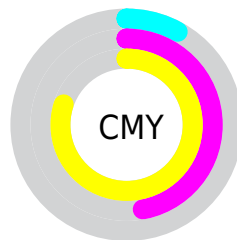
- Red (92%)
- Green (53%)
- Blue (20%)



- Red (92%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (78%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA8633 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color EA8633 by changing the saturation by 10% instead.

 EA8633

 EA8633

FFFFFF

 CB6C17

 FFBC67

 AC5300

 FFD882

 8E3B00

 FFF59D

 702300

 FFFFB8

 530900

 FFFF5D

 380000

 FFFFF2

 1A0001

 000000

 EA8633

 EA8633

 EA791C

 EA934A

 EA6C04

 EAA062

 EA6A00

 EAAC79

 EAB991

 EAC6A8

 EAD3BF

 EAE0D7

 EAEECE

 EAF9FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF6E65



EA8633



BB9D10

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EA8633



00BBA0



A18EFF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



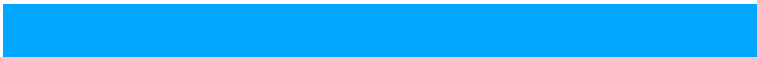
EA8633



3397EA

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A6FF



EA8633



00BBDB

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EA8633



02B762



00B4FF



E974DA

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EA8633



95A91E



00B4FF



7C97FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



EA8633



FFDFC4



EA3398



806C5C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



EA8633



FF7C0F



EAE133



756F6A



B55200



361800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3397EA



0F92FF



333CEA



6A7075



0063B5



001D36

Previews

White Background



This preview shows how the Hex color EA8633 looks on a white background.

Color Contrast Check

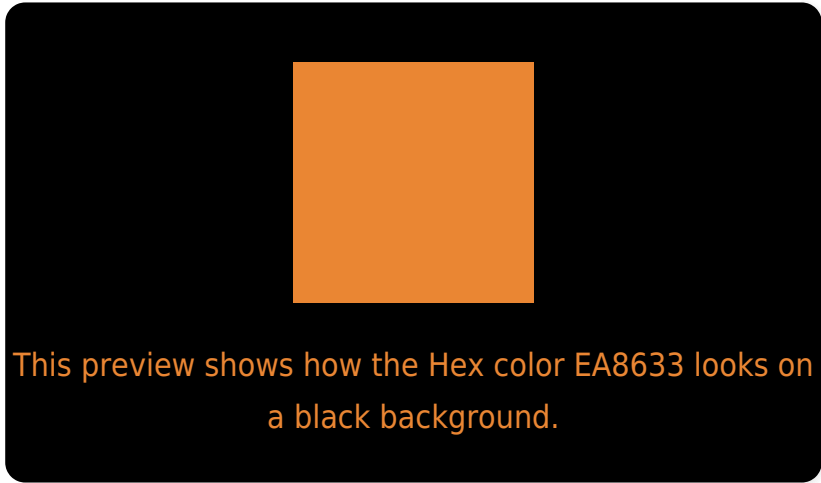
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EA8633 Background



This preview shows how black text looks on a background with the Hex color EA8633.



This preview shows how white text looks on a background with the Hex color EA8633.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
EA8633

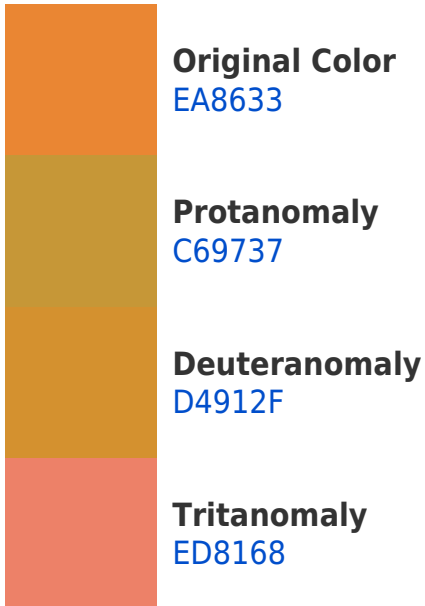
Protanopia
B2A03A

Deuteranopia
C8982D

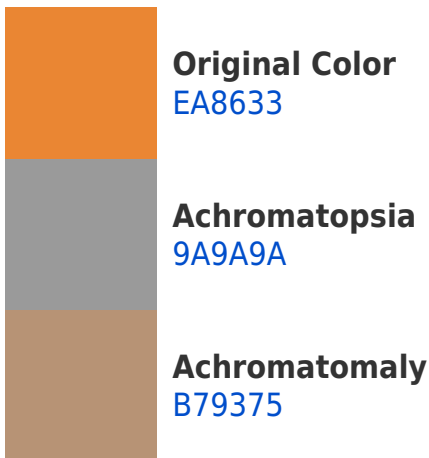


Tritanopia
EE7E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EA8633 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #EA8633 looks like.

```
.text, #text, p{  
    color:#EA8633  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #EA8633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA8633  
}
```

Border

The CSS property to change the border of an element to Hex EA8633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#EA8633 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#EA8633 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #EA8633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA8633; -webkit-box-shadow:4px 4px  
4px 4px #EA8633; box-shadow:4px 4px 4px  
4px #EA8633 }
```

Background

The CSS property to change the background color of an element to Hex EA8633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA8633 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#EA8633 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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